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REPORTS TO THE SURGEON GENERAL, PUBLIC HEALTH AND MARINE-HOSPITAL SERVICE

PLAGUE-PREVENTION WORK.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities of California on San Francisco Bay 1,878 acres of land in Alameda County were covered with poison during the week ended May 6, 1911.

Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
Cities:				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	.....do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None recorded.....	.....do.....	None.
Los Angeles.....	Aug. 11, 1908.....	.....do.....	Aug. 21, 1908.....	1 squirrel.
Counties:				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909.....	Wood rat, Oct. 17, 1909.....	Apr. 18, 1911.....	102 squirrels and 1 wood rat.
Contra Costa.....	July 21, 1908.....	None.....	Apr. 3, 1911.....	248 squirrels.
Merced.....	None recorded.....	.....do.....	Mar. 20, 1911.....	3 squirrels.
Monterey.....	.....do.....	.....do.....	June 6, 1910.....	4 squirrels.
San Benito.....	June 5, 1910.....	.....do.....	July 11, 1910.....	20 squirrels.
San Joaquin.....	None recorded.....	.....do.....	Apr. 21, 1911.....	12 squirrels.
San Luis Obispo.....	.....do.....	.....do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 23, 1910.....	.....do.....	Oct. 5, 1910.....	23 squirrels.
Santa Cruz.....	None recorded.....	.....do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	.....do.....	.....do.....	Apr. 10, 1911.....	11 squirrels.

Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	May 6.....	.....	¹ 109	78	.....
Oakland.....	.....do.....	27	² 628	496	.....
San Francisco.....	.....do.....	18	³ 1,652	1,137	.....
Counties—					
Sonoma.....	.....do.....	.....	⁴ 9	8	.....
Washington:					
Seattle.....	.....do.....	.....	1,013	853	.....
Total.....	.....	45	3,411	2,572	.....

¹ Identified, *Mus norvegicus* 78, *Mus musculus* 31.

² Identified, *Mus norvegicus* 558, *Mus musculus* 70.

³ Identified, *Mus norvegicus* 921, *Mus musculus* 328, *Mus rattus* 150, *Mus alexandrinus* 199.

⁴ Identified, *Mus norvegicus* 9.

Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Trapped or shot.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	May 6	245	3	241	.....
Amador.....	do.	7		7	.....
Colusa.....	do.	151		151	.....
Contra Costa.....	do.	59		59	.....
El Dorado.....	do.	10		10	.....
Fresno.....	do.	145		142	.....
Lake.....	do.	62		62	.....
Los Angeles.....	do.	246		235	.....
Madera.....	do.	147		141	.....
Mariposa.....	do.	145		143	.....
Mendocino.....	do.	54	6	60	.....
Merced.....	do.	153	2	150	.....
Monterey.....	do.	940		922	.....
Riverside.....	do.	130		125	.....
San Benito.....	do.	55		55	.....
San Joaquin.....	do.	271		266	.....
San Luis Obispo.....	do.	377		375	.....
Santa Clara.....	do.	389		389	.....
Sonoma.....	do.	16		16	.....
Stanislaus.....	do.	227		225	.....
Tehama.....	do.	14		14	.....
Tulare.....	do.	30		30	.....
Yolo.....	do.	31		31	.....
Total.....		3,904	11	3,849	.....

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Cities—				
San Francisco.....	May 6	10 gophers, 3 moles....	12	.....
Counties—				
Alameda.....	do.	3 rabbits	3	.....
Fresno.....	do.	1 rabbit	1	.....
Lake.....	do.	2 rabbits	2	.....
Madera.....	do.	3 rabbits	3	.....
Mariposa.....	do.	do	3	.....
Merced.....	do.	7 rabbits	7	.....
Monterey.....	do.	7 rabbits, 1 gopher	7	.....
Riverside.....	do.	5 rabbits	5	.....
San Benito.....	do.	do	5	.....
San Joaquin.....	do.	4 rabbits	4	.....
San Luis Obispo.....	do.	2 rabbits, 1 weasel	3	.....
Santa Clara.....	do.	5 rabbits	5	.....
Sonoma.....	do.	1 chipmunk	0	.....
Stanislaus.....	do.	2 rabbits	2	.....
Tehama.....	do.	do	2	.....
Yolo.....	do.	1 rabbit	1	.....
Total.....			65	.....

SMALLPOX IN THE UNITED STATES.

In the following tables the States indicated by an asterisk are those from which reports of smallpox are received only from certain city and, in some cases, county boards of health. In these States, therefore, the recorded cases and deaths should not be taken as showing the general prevalence of the disease. In the States not marked by an asterisk the reports are received monthly from the State boards of health and include all cases reported throughout the State.